

12045000 LAKE MILLS AT GLINES CANYON, NEAR PORT ANGELES, WA

LOCATION.--Lat 48°00'08", long 123°35'55", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.17, T.29 N., R.7 W., Clallam County, Hydrologic Unit 17110020, Olympic National Park, at Glines Canyon Dam on Elwha River, 2 mi upstream from Griff Creek, 4.1 mi south of Elwha, and 11 mi southwest of Port Angeles.

DRAINAGE AREA.--245 mi².

PERIOD OF RECORD.--April 1927 to current year. Prior to October 1950, monthly change in contents only, published in WSP 1316.

GAGE.--Nonrecording gage. Datum of gage is 19.67 ft below sea level.

REMARKS.--Reservoir is formed by concrete dam, completed in 1927; storage began Apr. 1, 1927. Usable capacity, 6,150 acre-ft between gage heights 592.0 ft, normal minimum operation level, and 610.0 ft, top of spillway gates. Storage below gage height 592.0 ft, 25,240 acre-ft. Figures given herein represent total contents. Water is used for power production.

COOPERATION.--Gage-height record furnished by Daishowa America Co., Ltd., Oct. 1 to Feb. 28, 2000. By Bureau of Reclamation since Mar. 1, 2000. Capacity table, revised Oct. 1, 1989, was furnished by Hosey and Associates to be used starting in the 1990 water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 39,940 acre-ft Dec. 22, 1936, gage height, 613.0 ft; minimum contents observed since reservoir first filled in May 1927, 24,290 acre-ft Nov. 14, 1929, gage height, 574.4 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 31,488 acre-ft June 19, July 4, Aug. 8, gage height, 610.3 ft; minimum contents observed, 30,566 acre-ft Sept. 5, 6, gage height, 607.6 ft.

MONTHEND GAGE HEIGHT AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Gage height (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	609.6	31,249	N.A.
Oct. 31.....	609.0	31,044	-205
Nov. 30.....	609.2	31,112	+68
Dec. 31.....	609.1	31,078	-34
CAL YR 2000.....	--	--	-205
Jan. 31.....	609.0	31,044	-34
Feb. 28.....	608.7	30,941	-103
Mar. 31.....	609.5	31,215	+274
Apr. 30.....	609.3	31,146	-69
May 31.....	610.2	31,454	+308
June 30.....	609.8	31,317	-137
July 31.....	609.8	31,317	0
Aug. 31.....	609.9	31,351	+34
Sept. 30.....	608.8	30,975	-376
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